

# Vapor Intrusion to Indoor Air Investigation and Findings Motorola 52<sup>nd</sup> Street Superfund Site

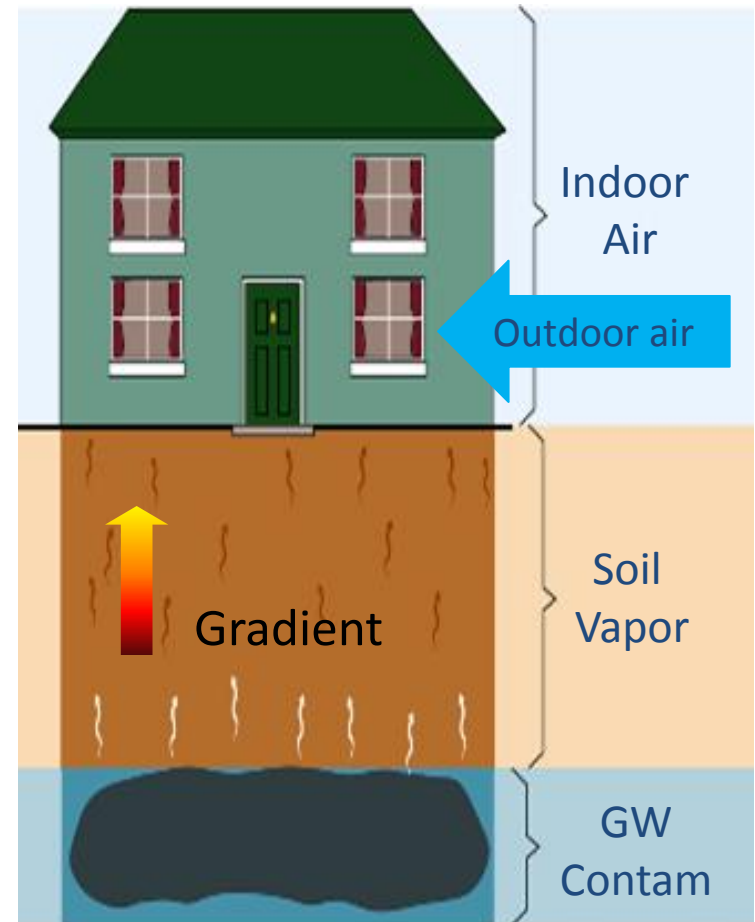
August 2012

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# Vapor Intrusion Pathway

- Volatile organic compounds (VOCs) in the subsurface volatilize (become a gas) and migrate into the indoor air of overlying buildings.

Main VOC is TCE  
(trichloroethene)









- Four rounds of sampling so far
- July 2011
- October 2011
- February 2012
- August 2012



# July 2011



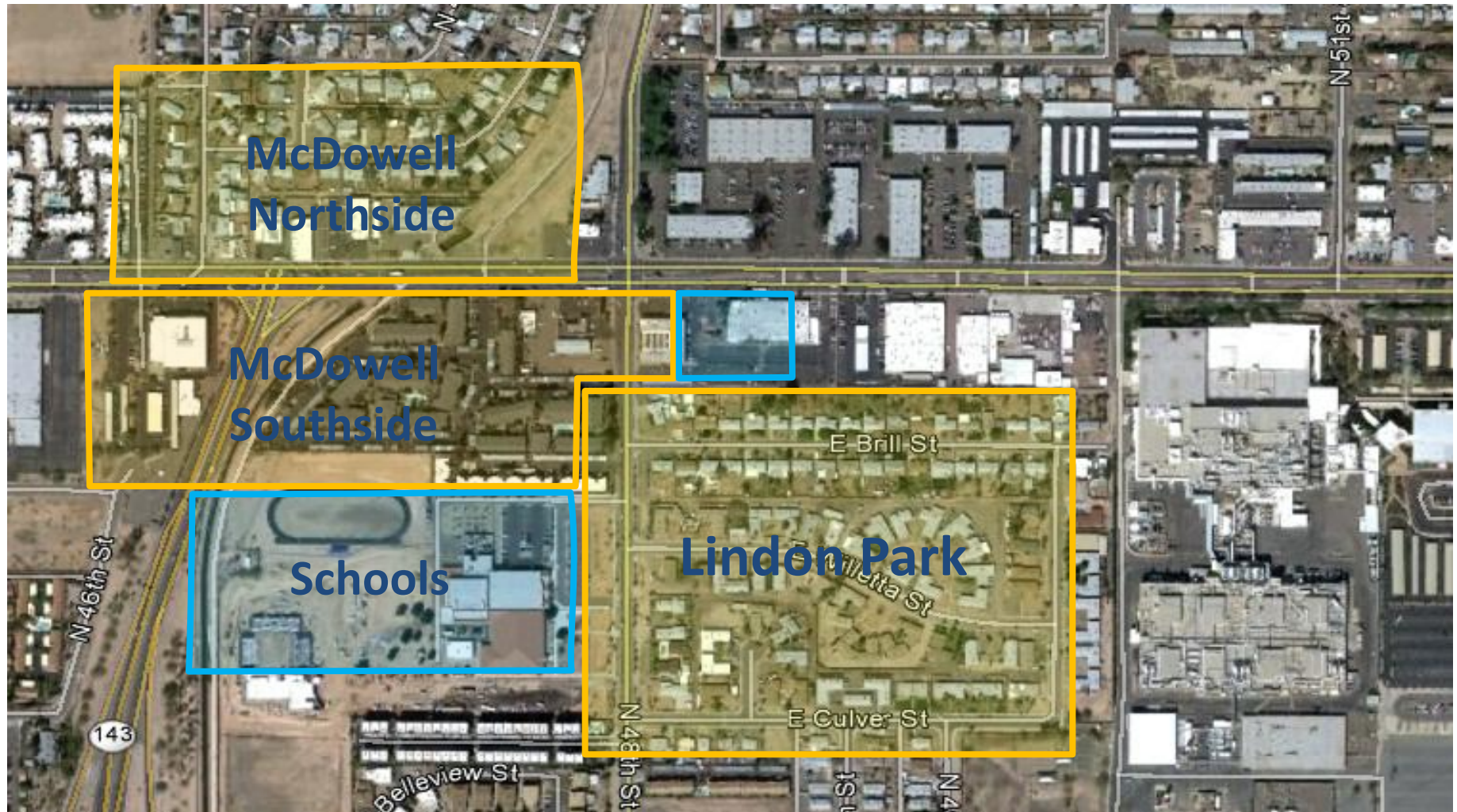


# October 2011 and February 2012





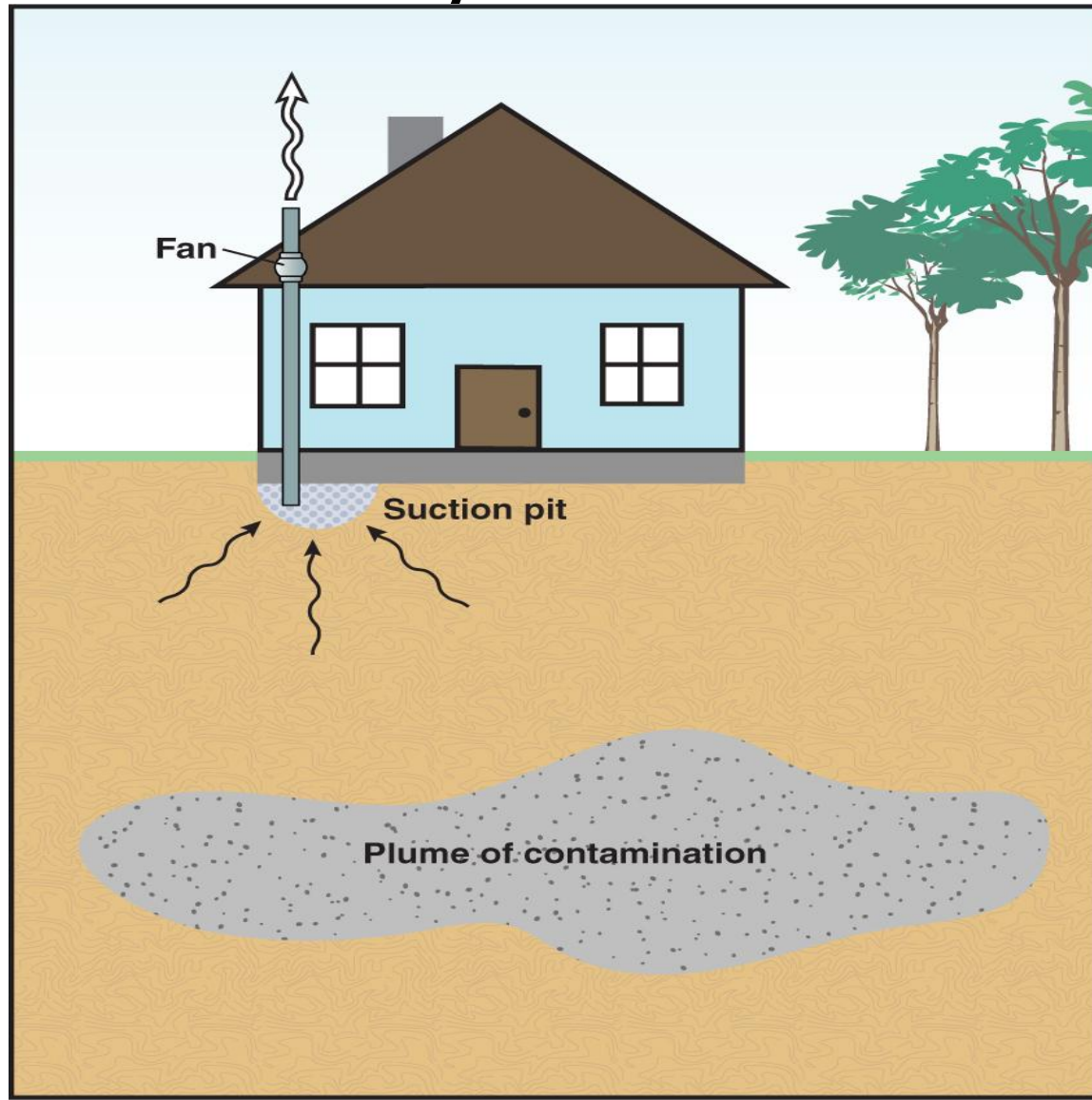
# August 2012



# **Summary of VI Investigation as of February 2012**

- Sampled 77 residences, 5 commercial buildings and 2 schools representing areas where soil vapor exceeded screening levels
- 7 mitigation systems installed
- 2 have denied access
- 8 pending

# Sub-slab depressurization system





# Example Sub-Slab Depressurization System

